PTO/SB/17 (10-03)

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Complete if Known

## FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,720.00

Complete if Known					
Application Number	10/044,407				
Filing Date	January 11, 2002				
First Named Inventor	Dennis M. Hilton				
Examiner Name	Toomer, Cephia D.				
Art Unit	1714				
Attorney Docket No.	621P001				

See   Credit card   Money   Other   None   Order   O	METHOD OF PAYMENT (che	ck all that apply)				FE	ECALCULATION (continued)	
Deposit   Account   14-0930		Other None	3. A	DDIT	ONAL	_ FEE	S	
Deposit Account Number Deposit   Nields & Lemack   1051   130   2051   65   50   2052								
Account Number Deposit Nields & Lemack  The Director is authorized to: (check all that apply)  Charge fee(s) indicated below (X) Credit any overpayments of fee(s)  Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account.  TES DIRECTORY Small Entity  FEE CALCULATION  1. BASIC FILING FEE  Large Entity Small Entity  Fee Fee Fee Fee Fee Fee Plant lifting fee  1. 1001 770 2001 385 Utility filing fee  1. 1001 770 2001 385 Utility filing fee  1. 1002 340 2002 170 Design filing fee  1. 1003 530 2003 265 Plant filing fee  1. 1004 770 2004 385 Relssue filing fee  1. 1005 160 2005 80 Provisional filing fee 1005 160 2005 80 2005 80 Provisional filing fee 1	Dengeit						Fee Description	Fee Paid
Deposit						. ,	Surcharge - late filing fee or oath	
Name	Deposit Niclas I	emack	1052	50	2052	25		
The Director is authorized to: (check all initial apply) Charge fee(s) indicated below \( \tilde{\text{Z}} \) credit any overpayments \( \tilde{\text{Z}} \) charge fee(s) indicated below \( \tilde{\text{Z}} \) credit any overpayments \( \tilde{\text{Z}} \) charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.  \( \text{FEE CALCULATION} \)  1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Plant filing fee  1. Code (\$\$)	Name		1053	130	1053	130		
Charge any additional fee(s) or any underpayment of fee(s)   Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.   1805 1,840*   1805 1,	100						~ ·	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.   1805 1,840° Requesting publication of SIR after Examiner action   1805 1,840° Requesting publication of SIR after Examiner action   1805 1,840° Requesting publication of SIR after Examiner action   1805 1,840° Requesting publication of SIR after Examiner action   1805 1,840° Requesting publication of SIR after Examiner action   1805 1,840° Requesting publication of SIR after Examiner action   1805 1,840° Requesting publication of SIR after Examiner action   1805 1,840° Requesting publication of SIR after Examiner action   1805 1,840° Requesting publication of SIR after Examiner action   1805 1,840° Requesting publication of SIR after Examiner action   1805 1,840° Requesting publication of SIR after Examiner action   1805 1,840° Requesting publication of SIR after Examiner action   1805 1,840° Requestion for reply within first month   1805 1,840° Request for expedited in support   1805 1,840° Request for S			1804	920*	1804	920*		
Examiner action   Examined   E	I <b></b>	' '						
1. BASIC FILING FEE   Large Entity   Small Entity   Fee Peald   1251   110   2251   2251   2252   210   Extension for reply within first month   1253   430   2002   170   Design filing fee   1401   330   2401   165   Notice of Appeal   1401   330   2401   165   Notice of Appeal   1401   330   2402   165   Feiling a brief in support of an appeal   1401   330   2402   165   Feiling a brief in support of an appeal   1401   330   2402   165   Feiling a brief in support of an appeal   1401   330   2402   165   Feiling a brief in support of an appeal   1401   330   2402   165   Feiling a brief in support of an appeal   1402   330   2402   165   Feiling a brief in support of an appeal   1402   330   2402   165   Feiling a brief in support of an appeal   1401   330   2402   165   Feiling a brief in support of an appeal   1402   330   2402   165   Feiling a brief in support of an appeal   1401   140	filmed " ' '		1805	1,840*	1805	1,840*		
1. BASIC FILING FEE   Large Entity   Small Entity			1251	110	2251	55	Extension for reply within first month	
Large Entity   Small Entity   Fee Fee   Fee			1252	420	2252	210	Extension for reply within second month	050
1001   170   2001   385   Utility filing fee   1255   2,010   2255   1,005   Extension for reply within fifth month   1255   2,010   2255   1,005   Extension for reply within fifth month   1255   2,010   2255   1,005   Extension for reply within fifth month   1255   2,010   2255   1,005   Extension for reply within fifth month   1255   2,010   2255   1,005   Extension for reply within fifth month   1255   2,010   2255   1,005   Extension for reply within fifth month   1255   2,010   2255   1,005   Extension for reply within fifth month   1255   2,010   2255   1,005   Extension for reply within fifth month   1255   2,010   2255   1,005   Extension for reply within fifth month   1255   2,010   2255   1,005   Extension for reply within fifth month   1255   2,010   2255   1,005   Extension for reply within fifth month   1255   2,010   2255   1,005   Extension for reply within fifth month   1255   2,010   1255   1,005   Extension for reply within fifth month   1255   2,010   1255   1,005   Extension for reply within fifth month   1255   2,010   1255   1,005   Extension for reply within fifth month   1255   1,005   Extension for reply within fifth month   1255   1255   1,005   Extension for reply within fifth month   1255   1	Large Entity Small Entity		1253	950	2253	475	Extension for reply within third month	950
1001 770   2001 385		on Fee Pald	1254	1,480	2254	740	Extension for reply within fourth month	
1003   530   2003   265   Plant filing fee   1402   330   2402   165   Filing a brief in support of an appeal   1403   290   2403   145   Request for oral hearing   1451   1,510   Petition to institute a public use proceeding   1451   1,510   1451   1,510   Petition to revive - unavoidable   1453   1,330   2452   55   Petition to revive - unavoidable   1453   1,330   2453   665   Petition to revive - unintentional   1451   1,510   1451   1,510   Petition to revive - unintentional   1451   1,510   1451   1,510   Petition to revive - unintentional   1451   1,510   1451   1,510   Petition to revive - unintentional   1451   1,510   1451   1,510   Petition to revive - unintentional   1451   1,510   1451   1,510   Petition to revive - unintentional   1451   1,510   1451   1,510   Petition to revive - unintentional   1451   1,510   1451   1,510   Petition to revive - unintentional   1451   1,510   1451   1,510   Petition to revive - unintentional   1451   1,510   Petition to revive - unintentional   1451   1,510   1451   1,510   Petition to revive - unintentional   1451   1,510   1451   1,510   Petition to revive - unintentional   1451   1,510   1451   1,510   Petition to revive - unintentional   1451   1,510   1451   1,510   1451   1,510   Petition to revive - unintentional   1451   1,510   145	, ,	e r	1255	2,010	2255	1,005	Extension for reply within fifth month	
1004 770   2004 385   Reissue filing fee   1403 290   2403 145   Request for oral hearing   1451 1,510   Petition to institute a public use proceeding   1451 1,510   Petition to institute a public use proceeding   1451 1,510   Petition to revive - unavoidable   1453 1,330   2452 55   Petition to revive - unintentional   1453 1,330   2453 665   Petition to revive - unintentional   1453 1,330   2453 665   Petition to revive - unintentional   1453 1,330   2453 665   Petition to revive - unintentional   1453 1,330   2453 665   Petition to revive - unintentional   1453 1,330   2453 665   Petition to revive - unintentional   1453 1,330   2453 665   Petition to revive - unintentional   1453 1,330   2453 665   Petition to revive - unintentional   1453 1,330   2453 665   Petition to revive - unintentional   1453 1,330   2453 665   Petition to revive - unintentional   1453 1,330   2453 665   Petition to revive - unintentional   1453 1,330   2453 665   Petition to revive - unintentional   1453 1,330   2453 665   Petition to revive - unintentional   1453 1,330   2453 665   Petition to revive - unintentional   1453 1,350   2453 665   Petition to revive - unintentional   1453 1,350   2453 665   Petition to revive - unintentional   1453 1,350   2453 665   Petition to revive - unintentional   1453 1,350   2453 665   Petition to revive - unintentional   1453 1,350   2453 665   Petition to revive - unintentional   1453 1,350   2453 665   Petition to revive - unintentional   1453 1,350   2453 665   Petition to revive - unintentional   1453 1,350   2453 665   Petition to revive - unintentional   1453 1,350   2453 665   Petition to revive - unintentional   1453 1,350   2453 665   Petition to revive - unintentional   1453 1,350   2453 665   Petition to revive - unintentional   1453 1,350   2453 665   Petition to revive - unintentional   1453 1,350   2453 665   Petition to revive - unintentional   1453 1,350   2453 665   Petition to revive - unintentional   1454 1,350   2453 665   Petition to revive - unintentional   1454 1,350   2	1002 340 2002 170 Design filing	fee	1401	330	2401	165	Notice of Appeal	
SUBTOTAL (1) (\$)  2. EXTRA CLAIM. FEES FOR UTILITY AND REISSUE Total Claims Independent Claims Multiple Dependent  Large Entity Fee Fee Code (\$) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims over original patent  1205 18 2205 9 "Reissue claims in excess of 20 1206 18 2206 9 "Reissue claims in excess of 20 1207 18 2207 9 "Reissue claims in excess of 20 1208 18 2208 9 "Reissue claims in excess of 20 1209 18 2208 9 "Reissue independent claims over original patent  1209 18 2209 9 "Reissue claims in excess of 20 1209 18 2200 9 "Reissue claims in excess of 20 1201 18 2201 9 "Reissue claims in excess of 20 1202 18 2203 9 "Reissue claims in excess of 20 1204 86 2204 43 "Reissue claims in excess of 20 1205 18 2206 9 "Reissue claims in excess of 20 1207 18 2208 9 "Reissue claims in excess of 20 1209 18 2209 9 "Reissue claims in excess of 20 1209 1809 900 Request for expedited examination of a design application  2455 155 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unintentional 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 150 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1665 Utility issue fee (or reissue) 1504 665 Utility issue fee (or reissue) 1504 665 Utility issue fee (or reissue) 1505 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 180 Submission of Information Disclosure Stmt 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 180 Submission of Information Disclosure Stmt 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 180 180 Submission of Information Disclosure Stmt 1807 70 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1807 70 2809 385 Filing a submission after final rejection (37 CFR 1.129(b)) 1807 70 2809 385 Filing a submissio	1003 530 2003 265 Plant filing fe	e -	1402	330	2402	165	Filing a brief in support of an appeal	
SUBTOTAL (1) (\$) 1452 110 2452 55 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2501 665 Utility issue fee (or reissue) 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1503 640 2503 320 Plant issue fee 1503 640 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE) 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 R	1004 770 2004 385 Reissue filing	fee	1403	290	2403	145	Request for oral hearing	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from Fee Paid Independent Claims Independent Subject See Fee Fee Fee Fee Fee Fee Fee Fee Fee	1005 160 2005 80 Provisional fi	ling fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from below Fee Paid Total Claims	SUBTOTAL (	(\$)	1452	110	2452	55	Petition to revive - unavoidable	
Total Claims		1 107	1453	1,330	2453	665	Petition to revive - unintentional	
Total Claims		Fee from				665	Utility issue fee (or reissue)	
Independent Claims Multiple Dependent  Large Entity   Small Entity   Fee   Fee   Fee   Fee   Fee   Code (\$)    1202								
Multiple Dependent  Large Entity   Small Entity   Fee   Fee   Fee   Fee   Fee   Fee   Code (\$)    1202	Independent -							
Large Entity   Small Entity   Fee   Fee   Fee   Fee   Fee   Code (\$)   1202   18   2202   9   Claims in excess of 20   1201   86   2201   43   Independent claims in excess of 3   1203   290   2203   145   Multiple dependent claims over original patent   1204   86   2204   43   ** Reissue claims in excess of 20   1205   18   2205   9   ** Reissue claims in excess of 20   1807   50   Processing fee under 37 CFR 1.17(q)   1806   180   Submission of Information Disclosure Stmt   Recording each patent assignment per property (times number of properties)   1809   770   2809   385   Filing a submission after final rejection (37 CFR 1.129(a))   1807   1	Claims ———	`						
Fee Code (\$)   Fee Code (\$)   Fee Description   802.1   40   802.1   40   Recording each patent assignment per property (times number of properties)   1202   18   2202   9   Claims in excess of 20   1809   770   2809   385   Filing a submission after final rejection (37 CFR 1.129(a))   1203   290   2203   145   Multiple dependent claims over original patent   1204   86   2204   43   ** Reissue independent claims over original patent   1801   770   2801   385   Request for Continued Examination (RCE)   770   1802   900   Request for expedited examination of a design application   1802   1803   1803   1804   1805	·		1807	50	1807		* '''	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims over original patent over original patent  1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent  1206 18 2207 9 Claims in excess of 20 and over original patent of a design application  1208 18 2209 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))  1209 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1200 1801 385 Request for Continued Examination (RCE)  1201 1802 900 1802 900 Request for expedited examination of a design application		ription	1806	180	1806			
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1203 290 1204 86 1204 43 **Reissue independent claims over original patent over original patent  1205 18 1205 9 **Reissue claims in excess of 20 and over original patent  1207 180 290 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1208 1802 900 Request for expedited examination of a design application  1209 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1209 2801 385 Request for Continued Examination of a design application			1809	770	2809	385		
1204 86 2204 43 ** Reissue independent claims over original patent  1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent  1206 18 2205 9 ** Reissue claims in excess of 20 and over original patent  1207 1802 900 1802 900 Request for expedited examination of a design application			4040	770	2040	205	` ' "	
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and over original patent of a design application			1801	770	2801	385	Request for Continued Examination (RCE)	770
Other fee (specify)			1802	900	1802	900		
SURTOTAL (2) I(5)	SURTOTAL (2)	(\$)						
*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 1,720.00			*Redu	ced by	Basic F	iling Fe	ee Paid SUBTOTAL (3) (\$) 1,72	20.00

SUBMITTED BY

Name (Print/Type) Keyin S. Lemack Registration No. (Attorney/Agent) 32,579 Telephone 508-898-1818

Signature Date Sept. 29, 2004

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0 1 2004 55		U.S. Pater	PTO/SB/21 (08-03) Approved for use through 07/31/2006. OMB 0651-C031 at and Trademark Office; U.S. DEPARTMENT OF COMMERCE				
Under the Paperwork Reduction Act of 1995, no person TRANSMITTAL FORM  (to be used for all correspondence after initial filling)		ns are required to respond to a collection Application Number  Filing Date  First Named Inventor  Art Unit	January 11, 2002  Dennis M. Hilton 1714				
Total Number of Pages in This Submiss	on 14	Examiner Name Attorney Docket Number	Toomer, Cephia D. 621P001				
	ENC	LOSURES (Check all that	t apply)				
X Fee Transmittal Form X Fee Attached X Amendment/Reply After Final X Affidavits/declaration(s X Extension of Time Request Express Abandonment Reque Information Disclosure Statem Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing P under 37 CFR 1.52 or	ent Rema		After Allowance communication to Group  Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter Other Enclosure(s) (please Identify below):  —Request For Continued Examination (RCE) Transmitt				
SIC	NATURE (	OF APPLICANT, ATTORNE	EY, OR AGENT				
Firm or Individual name  Signature  Nields I September	emack						
	e is being facsi		MAILING deposited with the United States Postal Service with ents, P.O. Box 1450, Alexandria, VA 22313-1450 on				
Typed or printed name Ke	vin S. L	emack					
Signature	(10)	Date Sept. 29, 2004					

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